




2623
#8 E.D.
10-3-03

CERTIFICATE OF MAILING

I hereby certify that this paper and every paper referred to therein as being enclosed is being placed in First Class Mail addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, as of today.

 Date: 9-26-03
Richard T. Lyon

PATENT APPLICATION
MS No. 149497.2
Attorney Docket No. MCS-023-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Uyttendaele et al.

Group Art Unit: 2623

RECEIVED

Entitled: SYSTEM AND METHOD
FOR SELECTIVE DECODING AND
DECOMPRESSION

Examiner: Wu, J.

OCT 01 2003

Technology Center 2600

Serial No.: 09/611,649

Filing Date: July 7, 2000

RESPONSE UNDER 37 CFR 1.111

Hon. Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In regards to the Office Action dated July 9, 2003 (Paper No. 6), the applicants hereby respond as follows:

The application is believed to be in condition for allowance because the claims are novel over the cited art. The following paragraphs provide the justification for these beliefs. In view of the following reasoning for allowance, the applicants hereby respectfully request further examination and reconsideration of the subject application.

The Section 102 Rejection of Claims 1-5, 7-21 and 23-30

Claims 1-5, 7-21 and 23-30 were rejected under 35 USC 102(e) as being anticipated by Furlan et al., U.S. Patent No. 6,337,708 (hereinafter Furlan). The Office Action asserts that Furlan discloses each and every element of the rejected claims. The applicants hereby respectfully disagree with this contention.

Specifically, it is the applicants' contention that Furlan does not teach the feature where the panoramic frame segments are encoded such that **each frame segment is appended with an indicator which identifies what frame and what frame segment (i.e., what region of the panoramic frame) the accompanying image data relates to.**

Granted, it was contended in the Office Action that Furlan teaches the claimed feature in Figs 4-6 and 12; and at col. 5, line 17 - col. 7, line 56; col. 12, lines 6-20; and col. 15-16. However, the applicants can find nothing in these figures, or the cited sections, or any part of Furlan, which mentions appending an indicator to the "tiles" (i.e., the reference's term for frame segments) that identifies what frame and frame segment the tile is associated with.

The Examiner stated in response to a similar contention the applicants made in response to the first Office Action issued in this application (i.e., Paper No. 4) that the feature of Furlan whereby each tile position is assigned its own multicast channel, reads on the claimed appended indicator. Again, there is nothing in this

teaching that even suggests the applicants claimed indicator. In fact, given the client-based approach of the Furlan invention, it is likely that an indicator is not appended. This is because the client always determines what tiles are needed. In the unicast embodiments of Furlan, the client orders a tile it needs to construct the desired view and the server provides the ordered tile in response. In the multicast embodiments of Furlan, the client subscribes to the multicast channel that contains the needed tile. It can be seen that in both cases the client must know beforehand what tile is needed. Thus, there must be some type of tile mapping that is agreed to by the client and server. If the client knows what tile to order and receives it in response, what use would the claimed indicator be? None. Similarly, if the client knows what multicast channel to subscribe to in order to obtain the needed tile, what good is an indicator that tells the client what it already knows. Again, none. Thus, not only is the claimed appended indicator not mentioned in Furlan, from a practical perspective it would be extraneous, and not in any way inherent or implicit in the Furlan teachings.

A prima facie case of anticipation is established only when the Examiner can show that the cited reference teaches each of the claimed elements of a rejected claim. In this case, the Examiner cannot show that the Furlan reference teaches the claimed feature **each frame segment is appended with an indicator that identifies what frame and what frame segment the accompanying image data relates to**. Thus, the rejected claims recite a feature that is not taught in cited art, and as such a prima facie case of anticipation cannot be established. It is, therefore, respectfully requested that the rejection of Claims 1-5, 7-21 and 23-30 be reconsidered based on the novel claim language (as exemplified in Claim 1):

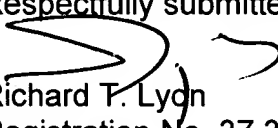
" A process of encoding frames of a panoramic video so as to allow selective decoding of the frames, comprising the process actions of...segmenting each frame of the panoramic video into plural corresponding regions; and separately encoding each region of the panoramic video frames, wherein encoding the frame regions of the

panoramic video comprises creating at least one data file comprising the data associated with each frame region of each frame of the panoramic video and an indicator associated with the data of each frame region that identifies its corresponding panoramic video frame and its location within that frame."

Summary

In summary, reconsideration of the rejection of Claims 1-5, 7-21 and 23-30 is respectfully requested. Finally, allowance of the rejected claims at an early date is courteously solicited.

Respectfully submitted,



Richard T. Lyon
Registration No. 37,385
Attorney for Applicant

LYON & HARR, LLP
300 Esplanade Drive, Suite 800
Oxnard, CA 93036
(805) 278-8855